



LOMASR.021CP1

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants	:	Paul E. Denney et al.	Art Unit: 2821
App. No.	:	10/803,272	
Filed	:	March 18, 2004	
For	:	METHOD AND APPARATUS FOR MATERIAL PROCESSING	
Examiner	:	Jimmy T. Vu	

**ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION**  
**AND**  
**REVOCATION AND POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventors to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the inventors to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP,


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**Customer No. 20,995**, as its attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

LOMA LINDA UNIVERSITY MEDICAL CENTER

Dated: 11/28/05

By: 

Title: SVP of Finance

Address: 24888 Prospect Street  
Loma Linda, California 92350

1980264  
112205

## ASSIGNMENT

WHEREAS, We, Paul E. Denney, a United States citizen, residing at 3148 Walden Ravines, Columbus, Ohio 43221, Jay R. Eastman, a United States citizen, residing at 1227 Blacksmith Drive, Westerville, Ohio 43081, Paul M. Fallara, a United States citizen, residing at 20 East Dunedin Road, Columbus, Ohio 43214, Andrew P. Joseph, a United States citizen, residing at 14381 Blamer Road, Johnstown, Ohio 43031, John S. Phillips, a United States citizen, residing at 7746 Glenmore Drive, Powell, Ohio 43065, Ta-Chieh Huang, a Taiwanese citizen, residing at 7151 Springview Lane, Dublin, Ohio 43016, Michael M. Patena, 624 Pack Street, Pataskala, Ohio 43062, Tim Burnham, a United States citizen, residing at 1076 Bergenia Drive, Reynoldsburg, Ohio 43068, and Paul Coleman, a United States citizen, residing at 375 Abbie Road, Murfreesboro, Tennessee 37128, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR MATERIAL PROCESSING for which we have filed an application for Letters Patent in the United States, Application No. 10/803,272, filed on March 18, 2004;

AND WHEREAS, Loma Linda University Medical Center (hereinafter "ASSIGNEE"), with its principal place of business at 24888 Prospect Street, Loma Linda, California 92356, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter; including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 15<sup>th</sup> day of November, 2005.

  
Paul E. Denney

STATE OF

ss.

COUNTY OF

On November 15, 2005, before me, Michelle R. Lavery personally appeared Paul E. Denney, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is

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subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



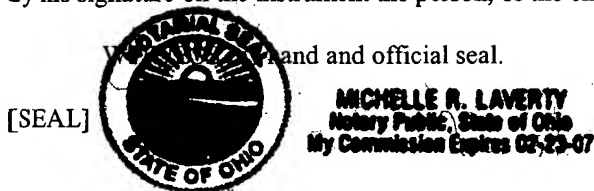
Michelle R. Lavery  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11 day of 11, 2005

Jay R. Eastman  
Jay R. Eastman

STATE OF }  
COUNTY OF } SS.

On November 11, 2005 before me, Michelle R. Lavery, personally appeared Jay R. Eastman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



Michelle R. Lavery  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17 day of November, 2005

Paul M. Fallara  
Paul M. Fallara

STATE OF }  
COUNTY OF } SS.

On November 17, 2005, before me, Michelle R. Lavery, personally appeared Paul M. Fallara, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Michelle R. Lavery  
Notary Signature

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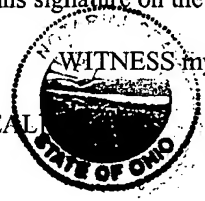
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11 day of November, 2005.



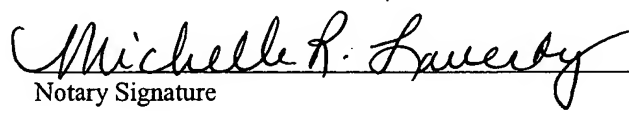
Andrew P. Joseph

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On November 11, 2005, before me, Michelle R. Laverty personally appeared Andrew P. Joseph, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.



WITNESS my hand and official seal.  
MICHELLE R. LAVERTY  
Notary Public, State of Ohio  
My Commission Expires 02-23-07

  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
John S. Phillips

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, 200\_\_, before me, \_\_\_\_\_, personally appeared John S. Phillips, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
Andrew P. Joseph

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, 200\_\_, before me, \_\_\_\_\_, personally appeared Andrew P. Joseph, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24 day of October, 2005.

John S. Phillips  
John S. Phillips

STATE OF Ohio }  
COUNTY OF Franklin } ss.

On October 24, 2005, before me, John S. Phillips, personally appeared John S. Phillips, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Lucretia Taylor  
Notary Signature



LUCRETIA TAYLOR  
Notary Public, State of Ohio  
My Commission Expires 04-19-08

 COPY

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 11<sup>th</sup> day of November, 2005.

Ta-Chieh Huang  
Ta-Chieh Huang

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On November 11, 2005, before me, Michelle R. Lavery personally appeared Ta-Chieh Huang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



MICHELLE R. LAVERTY  
Notary Public, State of Ohio  
My Commission Expires 03-23-07

Michelle R. Lavery  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
Michael N. Patena

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, 200\_\_, before me, \_\_\_\_\_, personally appeared Michael N. Patena, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
Ta-Chieh Huang

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

}  
} ss.  
}

On \_\_\_\_\_, 200\_\_, before me, \_\_\_\_\_, personally appeared Ta-Chieh Huang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
Michael N. Patena

STATE OF Ohio

COUNTY OF Franklin

}  
} ss.  
}

On October 28, 2005 before me, Bradley E. Middleton, personally appeared Michael N. Patena, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




BRADLEY E. MIDDLETON  
Notary Public  
In and for the State of Ohio  
My Commission Expires  
January 19, 2009

\_\_\_\_\_  
Notary Signature

 **COPY**



IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of OCTOBER, 2005.

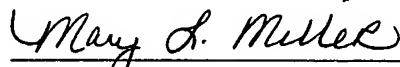
  
\_\_\_\_\_  
Tim Burnham

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On October 26, 2005, before me, Mary L. Miller, personally appeared Tim Burnham, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

  
\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
Paul Coleman

STATE OF                    }  
                                  }  
COUNTY OF                } ss.

On \_\_\_\_\_, 200\_\_, before me, \_\_\_\_\_, personally appeared Paul Coleman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 200\_\_.

\_\_\_\_\_  
Tim Burnham

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

On \_\_\_\_\_, 200\_\_, before me, \_\_\_\_\_, personally appeared Tim Burnham, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

\_\_\_\_\_  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 17 day of Nov, 2005.

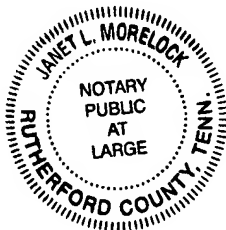
Paul Coleman  
Paul Coleman

STATE OF TN }  
COUNTY OF Rutherford } ss.

On November 17, 2005, before me, Janet L Morelock, personally appeared Paul Coleman, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



1979896\_1  
101905

Janet L Morelock  
Notary Signature  
My Commission Expires: 11/20/06

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